

FORM PTO-1449 O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT FEB 17 2004 (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SAEG150.01CP1C1	APPLICATION NO. 09/993,874
		APPLICANT Vadim R. Viviani, et al.	
		FILING DATE November 14, 2001	GROUP 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
<i>ES</i>	Vadim R. Viviani, et al., "BIOPHYSICAL AND BIOCHEMICAL ASPECTS OF PHENGODID (RAILROAD-WORM) BIOLUMINESCENCE," Photochemistry and Photobiology, Vol. 58, No. 4, pp.615-622 (1993)
<i>ES</i>	Vadim R. Viviani, et al., " BIOLUMINESCENCE OF BRAZILIAN FIREFLIES (COLEOPTERA: LAMPYRIDAE): SPECTRAL DISTRIBUTION AND pH EFFECT ON LUCIFERASE-ELICITED COLORS. COMPARISON WITH ELATERID AND PHENGODID LUCIFERASES," Photochemistry and Photobiology, Vol. 62, No. 3, pp. 490-495 (1995)
<i>ES</i>	Vadim R. Viviani, et al., "Bioluminescence and Biological Aspects of Brazilian Railroad-Worms (Coleoptera: Phengodidae)," Annals of the Entomological Society of America, Vol. 90 no. 3, pp. 389-398 (1997)
<i>ES</i>	VR Viviani, et al., "CLONING AND CHARACTERIZATION OF cDNA FOR THE LARVAL CLICK-BEETLE <i>Pyrearinus termittiluminans</i> (COLEOPTERA:ELATERIDAE) LUCIFERASE," Proceedings of the 10 th International Symposium on Bioluminescence and Chemiluminescence, Bologna, Italy, John Wiley & Sons, New York, pp. 384-387 (1999)
<i>erited on PTO-992 12/13/04</i>	Vadim R. Viviani, et al., "Cloning, Sequence Analysis, and Expression of Active <i>Phrixothrix</i> Railroad-Worms Luciferases: Relationship between Bioluminescence Spectra and Primary Structures," Biochemistry 1999, 38, pp. 8271-8279

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EXAMINER	<i>E. Slobodtynsky</i>	DATE CONSIDERED	<i>5/11/04</i>
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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 2799.1001-002	APPLICATION NO.			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT Vadim R. Viviani, et al.			PTO S 3874 1046 09/99 1/10/01	
November 14, 2001 (Use several sheets if necessary)			FILING DATE	GROUP 1652			
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
ES	AA	5,700,673	23-DEC-97	McElroy et al.	435	189	06/02/95
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Roda, A., et al., "Bioluminescence and Chemiluminescence", Proceedings of the 10 th International Symposium on Bioluminescence and Chemiluminescence held at Bologna, Italy, September 1998.					
ES 12/13/02	AS	Viviani, V.R., et al., "Cloning, Sequence Analysis, and Expression of Active <u>Phrixothrix Railroad Worms Luciferases: Relationship between Bioluminescence Spectra and Primary Structures</u> ", <u>Biochemistry</u> , 38(26):8271-8279 (1999).					
	AT	Viviani, V.R., et al., "Bioluminescence Color Determinants of <u>Phrixothrix Railroad-worm Luciferases: Chimeric Luciferases, Site-directed Mutagenesis of Arg 215 and Guanidine effect</u> ", <u>Photochemistry and Photobiology</u> , 72(2):267-271 (2000).					
EXAMINER ES			DATE CONSIDERED		5/11/04		

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 2799.1001-002	APPLICATION NO. 09/993, 874	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Vadim R. Viviani, et al.		
November 14, 2001 (Use several sheets if necessary)		FILING DATE 11/14/01	GROUP 1602	
U. S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME
FOREIGN PATENT DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNTRY
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
ED	AU	NCBI deposit AF139644 GenBank database (June 2, 1999) accession		
ED	AV	NCBI deposit AF139645 GenBank database (June 2, 1999) accession		
ED	AW	Viviani et al., "Cloning and Characterization of cDNAs for Phrixothrix spp (Coleoptera: Phenogodidae) Railroad-Worms Luciferases", <i>J. Biolumin Chemilumin.</i> , 13:239 (1998) Abstract from the 10 th International Symposium on Bioluminescence & Clemiluminescence, Bologna, Italy 4-8 September 1998.		
ED	AX	Viviani, et al., "Thr226 is a Key Residue for Bioluminescence Spectra Determination in Beetle Luciferases", <i>Biochem. and Biophys. Research Commun.</i> , 280:1286-1291 (2001).		
EXAMINER E. Slobodnyacsky		DATE CONSIDERED		5/11/04